

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1263762

Luminaire Tested: P3A02R159730DE010 E3CD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263762
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R159730DE010 E3CD1MB
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3CD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

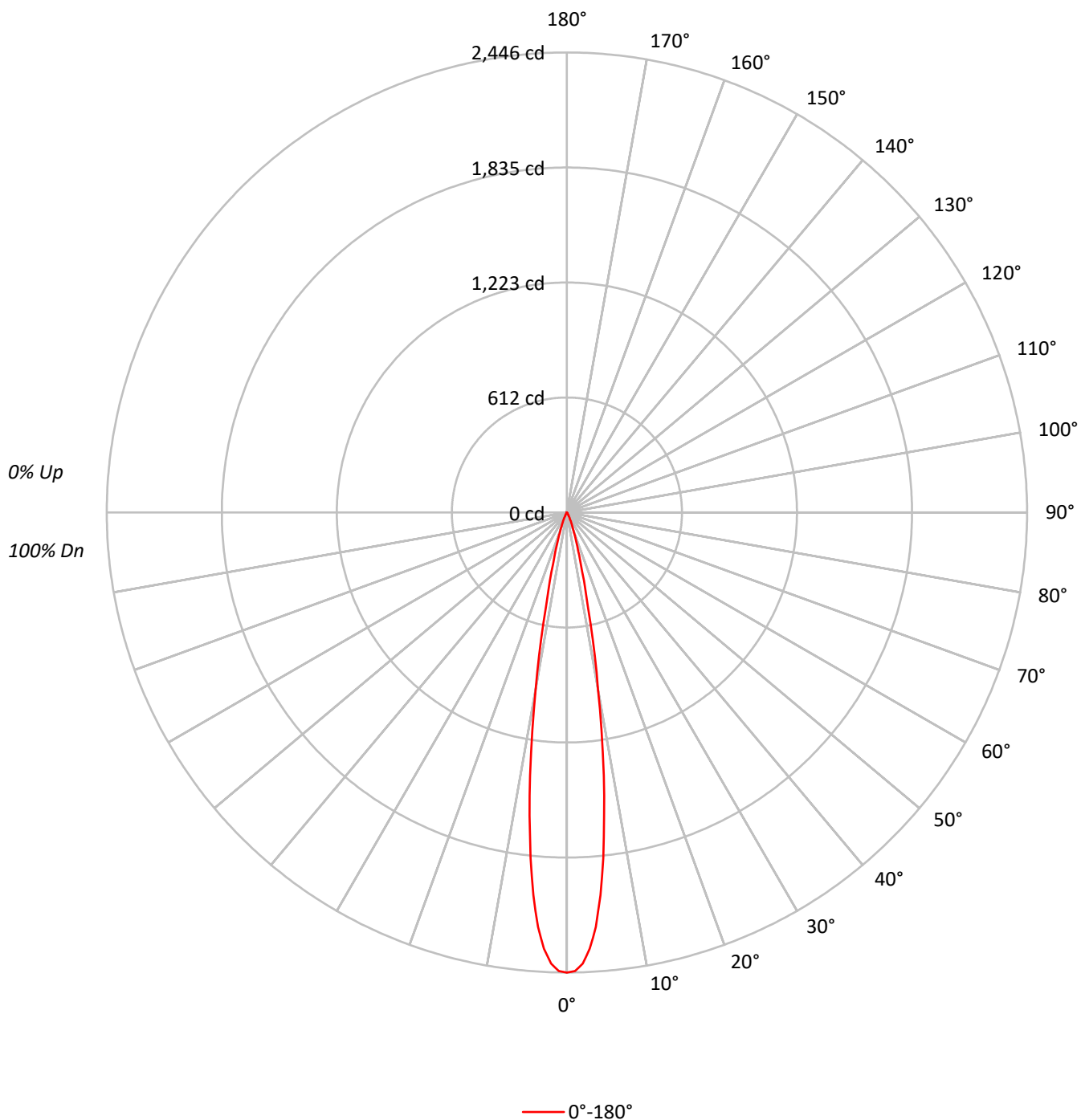
Lumens per Lamp: N/A
Luminaire Lumens: 275.9 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 0.3 / 0.3 / 0.29
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	116	114	112	111	113	112	110	109	108	107	106	104	103	103	101	100	100	98		
2	113	110	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	101	108	105	102	100	102	100	98	100	98	97	98	97	95	94		
4	107	103	100	97	106	102	99	97	100	97	96	98	96	94	97	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	92	91		
6	103	98	94	92	102	97	94	92	96	93	91	95	92	91	94	92	90	89		
7	101	96	92	90	100	95	92	90	94	91	89	93	91	89	92	90	89	88		
8	99	94	91	88	98	93	90	88	93	90	88	92	89	87	91	89	87	86		
9	97	92	89	87	97	92	89	87	91	88	86	90	88	86	90	87	86	85		
10	96	90	87	85	95	90	87	85	90	87	85	89	86	85	88	86	85	84		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	536470
5°	449614
10°	211797
15°	63860
20°	23615
25°	9194
30°	3418
35°	1044
40°	372
45°	217
50°	136
55°	153
60°	175
65°	104
70°	128
75°	169
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 217 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	157.9	57.2
10°-20°	93.9	34.0
20°-30°	19.7	7.1
30°-40°	3.2	1.1
40°-50°	0.5	0.2
50°-60°	0.4	0.1
60°-70°	0.2	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	271.5	98.4
0°-40°	274.7	99.5
0°-60°	275.6	99.9
0°-90°	275.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	275.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2446	
5°	2043	158
15°	281	94
25°	38	20
35°	4	3
45°	1	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2446.5
1°	2438.9
2°	2400.1
3°	2322.4
4°	2208.5
5°	2042.6
6°	1847.8
7°	1625.0
8°	1412.2
9°	1171.3
10°	951.2
12.5°	513.2
15°	281.3
17.5°	164.7
20°	101.2
22.5°	62.0
25°	38.0
27.5°	22.9
30°	13.5
32.5°	7.6
35°	3.9
37.5°	2.2
40°	1.3
42.5°	0.9
45°	0.7
47.5°	0.4
50°	0.4
52.5°	0.4
55°	0.4
57.5°	0.4
60°	0.4
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.2
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)